111. An apparatus as claimed in claim 110, wherein said means for performing a transform on at least a portion of the intermediate pattern comprises means for performing a wavelet transform on a selected subset of the intermediate pattern.

112. An apparatus as claimed in claim 110, wherein said means for classifying said pattern on the basis of said reduced feature space comprises means for classifying a target on the basis of said selected reduced feature space.

Please cancel claims 50-57, 60-65, 68-91, and 95-100

NE improper

REMARKS

Claims 35-49, 58-59, 66-67, 92-94 and 101-112 are elected in the application for examination, comprising 8 independent claims and 34 claims total.

Respectfully submitted,

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